



06-25-01

3644

PATENT

Docket No. PD-96315
CUSTOMER NO.: 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
KAR W. YUNG, ET AL.
Serial No. 08/949,988
Filed: October 14, 1997
For: METHOD AND APPARATUS FOR MAXIMIZING
SATELLITE CONSTELLATION COVERAGE

Date: June 21, 2001

Group Art Unit: 3644

Examiner: Tien Dinh

AMENDMENT TRANSMITTAL LETTER

BOX NON-FEE AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ Applicant petitions for an extension of time for one month(s) to respond to the Office Action dated

If an additional extension of time is required, please consider this a petition therefor. Fee \$

☐ An extension for _____ month(s) has already been secured; the fee paid therefor of

is deducted from the total fee due for the total months of extension now requested. \$

Extension fee due with this request \$

☒ Applicant believes that no extension of time is required to respond to the Office Action dated March 28, 2001. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

☒ No additional fee for claims is required.

☐ The fee for claims has been calculated as shown below:

	CLAIMS AS AMENDED						RATE	ADDITIONAL FEE
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA			
TOTAL CLAIMS	21	minus	21	=	0	x	\$ 18.00	\$ 0.00
INDEPENDENT CLAIMS	3	minus	3	=	0	x	\$ 80.00	\$ 0.00
MULTIPLE DEPENDENT CLAIMS						+	\$ 270.00	\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:								\$ 0.00

Charge \$ 0.00 to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383. **This form is submitted in triplicate.**

Respectfully submitted,

Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy, Registration No.: 31,505
Attorney for Applicant(s) and Assignee
(Hughes Electronics Corporation)

Certification under 37 CFR 1.10 (if applicable)

-EF740971232US

June 21, 2001

EXPRESS MAIL mailing number

Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the BOX NON-FEE AMENDMENT, Commissioner of Patents, Washington, D.C. 20231.

Janet Bollinger

(Type or printed name of person mailing application)

CUSTOMER NUMBER 020991

HUGHES ELECTRONICS CORPORATION

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Janet Bollinger
(Signature of person mailing application)

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Patent
PD-96315

Customer No. 020991

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Date: June 21, 2001

KAR W. YUNG, et al.

Serial No.: 08/949,988

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For: **METHOD AND SYSTEM FOR MAXIMIZING
SATELLITE CONSTELLATION COVERAGE**

RESPONSE TO OFFICE ACTION

BOX NON-FEE AMENDMENT

Commissioner of Patents

Washington D.C. 20231

Sir:

This is in response to the Office Action dated March 28, 2001 (Paper No. 27), in the above-identified application. This response is timely filed as it is being submitted within the three (3) month period set for response.

REMARKS

Claims 1 through 21 are currently pending in this Application with claims 1, 10, and 20 being independent. The Examiner rejected claims 1-21 under 35 U.S.C. §103(a) as obvious over Draim in view of Westerlund. Applicants' respectfully traverse the Examiner's rejection of these claims.

Applicants' claimed invention as required by claims 1, 10, and 20 is neither taught nor suggested by Draim or Westerlund. The Examiner's reliance on these two references constitutes impermissible hindsight reconstruction.

Applicants' claimed invention relates to a method and system for maximizing satellite constellation coverage at predetermined local times for a set of predetermined geographic locations. The satellite constellation has a first coverage area defined by at

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28 Response
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